

**MR-1 REPORT CHECK OFF LIST**Company : **ANDARN ELECTRO SERVICE**SCP # : **27400442**

Address : 72 Michigan Avenue Paterson, N.J. 07503

Contact : Dan Patel

1. Category 40 CFR 413.44, 54, 64 Sub. D, E, & F
2. **Month of: January 2009**
3. Is Permit # Correct? ☒ Y ☐ N ☐ N/A
4. Is regulated flow stated in space provided? ☒ Y ☐ N ☐ N/A
5. Total flow provided in proper space? ☒ Y ☐ N ☐ N/A
6. Is method used to calculate water stated,? ☒ Y ☐ N ☐ N/A
7. Are number of working days stated ? ☒ Y ☐ N ☐ N/A
8. Are there any parameters which have exceeded a daily maximum limit or could cause the company to be out of compliance with a monthly or 4-day average ? ☐ Y ☒ N ☐ N/A
- 8a Are any non-detectable results higher than the permit limits ? ☐ Y ☒ N ☐ N/A
- 8b If the answer to 8a was yes. did the company submit any documentation in support of compliance ? ☐ Y ☐ N ☒ N/A
9. Is proper compliance/non-compliance statement provided ? ☒ Y ☐ N ☐ N/A
10. If applicable is compliance schedule submitted ? ☐ Y ☐ N ☒ N/A
11. Is combined waste stream formula required ? ☐ Y ☐ N ☒ N/A
12. If combined waste stream formula was used, have calculations been submitted correctly ? ☐ Y ☐ N ☒ N/A
13. Have correct number of samples been submitted ? ☒ Y ☐ N ☐ N/A
14. Has sample number been reported in space provided ? ☒ Y ☐ N ☐ N/A
15. Have all regulated parameters been listed on MR-1 ? ☒ Y ☐ N ☐ N/A
16. Has sample type been stated on MR-1 ? ☒ Y ☐ N ☐ N/A
17. Have all samples been taken during this reporting period ? ☒ Y ☐ N ☐ N/A
18. Has NJDEPE certified lab been used ? ☒ Y ☐ N ☐ N/A
19. Have analytical results been submitted on copies of Laboratory stationery ? ☒ Y ☐ N ☐ N/A

- |     |   |                                       |   |     |
|-----|---|---------------------------------------|---|-----|
| 20. | Have results been written in space designated on MR-1?  | <input checked="" type="checkbox"/> Y | N | N/A |
| 21. | Have average permit limitations been included on MR-1?  | <input checked="" type="checkbox"/> Y | N | N/A |
| 22. | Have maximum permit limitations been included on MR-1?  | <input checked="" type="checkbox"/> Y | N | N/A |
| 23. | Is method used to preserve samples stated on MR-1?  | <input checked="" type="checkbox"/> Y | N | N/A |
| 24. | If non use statement is made do regulations allow exemptions?                                     | <input checked="" type="checkbox"/> Y | N | N/A |
| 25. | Has MR-1 been signed by authorized representative ?   | <input checked="" type="checkbox"/> Y | N | N/A |
| 26. | Has information been submitted on proper MR-1 form ?  | <input checked="" type="checkbox"/> Y | N | N/A |
| 27. | Have any and all PVSC samples taken during this month been averaged in with the company samples ? | <input checked="" type="checkbox"/> Y | N | N/A |

First Reviewer: comments on deficiencies \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Date Reviewed \_\_\_\_\_ Date sent to user \_\_\_\_\_

Date due back \_\_\_\_\_ Reviewer \_\_\_\_\_

Second Review comments on deficiencies \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Date Reviewed \_\_\_\_\_ Date sent to user \_\_\_\_\_

Date due back \_\_\_\_\_ Reviewer \_\_\_\_\_

Date ok \_\_\_\_\_ Reviewer \_\_\_\_\_

*mark*

## PRETREATMENT MONITORING REPORT

NAME: ANDARN ELECTRO SERVICE, INC.MAILING ADDRESS: 72 MICHIGAN AVENUE, PATERSON, NJ 07503FACILITY LOCATION: 72 MICHIGAN AVENUE, PATERSON, NJ 07503CATEGORY & SUBPART: 40 CFR 413.44 SP-D, 413.54 SP-E, 413.64 SP-F OUTLET#: 1CONTACT OFFICIAL: DAN PATELTELEPHONE#: 523-2220NEW CUSTOMER ID / OUTLET ID: 27200053-1

MONITORING PERIOD					
1	1	2009	1	31	2009
MON	DAY	YR	MON	DAY	YR
START			END		

	AVERAGE	MAXIMUM
Regulated flow-gal/day	5,099 ✓	5,609 ✓
Total Flow-gal/day	5,099 ✓	5,609 ✓

Method Used: Average Regulated & Average Total flow for this outlet from readings of main water meter & well meter, minus sanitary calculation (from readings of sanitary meter) divided by 20 work days in month. Max = Avg flows + 10%.

Parameter		Mass or Concentration			No. of Samples	Sample type
		Mon Avg	Maximum	Units		
Cd	Sample measurement	<0.001 ✓	<0.001	mg/l	1	Comp.
	Permit requirement	0.19	1.2	"		
Pb	Sample measurement	0.00294 ✓	0.00294	"	1	Comp.
	Permit requirement	0.54	0.6	"		
CN (A)	Sample measurement	< 0.02 ✓	< 0.02	"	1	Grab
CN (A)	Permit requirement	2.7	5.0	"		
Ni	Sample measurement	< 0.004 ✓	N/A	"	1	Comp
	Permit requirement	5.9	N/A	"		
Zn	Sample measurement	0.023 ✓	N/A	"	1	Comp
	Permit requirement	1.67	N/A	"		
Cu	Sample measurement	0.03 ✓	N/A	"	1	Comp
	Permit requirement	3.02	N/A	"		
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					

PVSC Form Mr-1 Rev: 4 6/87 P1.

**PRETREATMENT MONITORING REPORT****Certification of Non-use (use additional sheets if necessary) Based on Historical Data.**

"Based on my inquiry of the person or persons directly responsible for managing compliance with the pretreatment limitation (or pretreatment standard) for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since the filing of the last discharge monitoring report. I further certify that this facility is implementing the solvent management plan submitted to the Passaic Valley Sewerage Commission on May 26, 2005." Andarn Electro Service, Inc. is certifying non-use for Mercury for this month.

**Compliance or non-compliance statement with compliance schedule (use additional sheets if necessary) for every parameter used.**

Andarn Electro Service, Inc. is in compliance for 40 CFR 413.44 Subpart - D, 40 CFR 413.54

Subpart E, 40 CFR 413.64 Subpart F, PSES, for dischargers of less than 10,000 gpd for

monitoring conducted by the company during this month and as presented in this report. Andarn

Electro Service, Inc. is also in compliance with all PVSC Local Limits.

**Explain Method for preserving samples:**

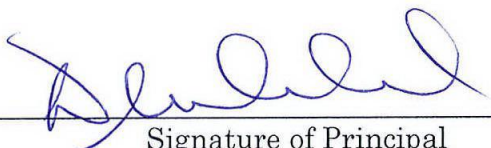
Metal samples were composites that were preserved with HNO<sub>3</sub> to pH < 2.0.

Cyanide sample was a grab which was preserved with NaOH to pH > 12.0.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

403.6(a)(2)(ii) revised by 53 FR 40610, October 17, 1988

"During this monitoring period, no change has been made to the plot plan submitted to PVSC on 8/15/94."

  
\_\_\_\_\_  
Signature of Principal  
Executive or Authorized Agent

\_\_\_\_\_  
DAN PATEL  
\_\_\_\_\_  
Plant Manager  
Type Name and Title

\_\_\_\_\_  
2/17/2009  
Date

PVSC Form MR-1 Rev. 5 3/91 P2

**ANDARN ELECTRO SERVICE - (40CFR 413 and PVSC LOCAL LIMIT MR-1) -**  
**JANUARY 2009**

<b>AVERAGE FLOW CALCULATIONS</b>	<b>20 Work days in month</b>
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**MAIN CITY METER (TOTAL FLOW)**

850,618 Present Meter Reading  
-843,466 Past Meter Reading  
 7,152 Cubic feet  
x7.48  
 53,497 Gallons MAIN  
+57,120 Gallons WELL  
 110,617 Gallons  
x .95 (-5% Evaporation)  
 105,086 Total gallons of City water used this month

**WELL METER (PROCESS))**

2565640 Present Meter Reading  
-2508520 Past Meter Reading  
 57,120 Gallons

$\frac{5,254 \text{ GPD} = \text{Average Total Flow from facility.}}{20 \mid 105,086.}$

**INTERNAL WATER METER (SANITARY)**

220,991 Present Meter Reading  
-220,575 Past Meter Reading  
 416 Cubic Feet  
x7.48  
 3,112 Gallons Total Unregulated Flow

**FLOW FOR OUTLET # 27200053-1**

105,086 Total Flow		
<u>-3,112 Sanitary flow</u>		
101,974 Gallons	$20 \mid 101,974$	<b>5,099 GPD = Average Regulated and Total Flow for OUTLET # 27200053-1</b>

**MAXIMUM FLOW CALCULATION (AVERAGE = MAXIMUM + 15%)**

5,099 AVERAGE FLOW  
x1.10 MAX = AVG +10%  
 5,609 GPD = MAXIMUM REGULATED and TOTAL FLOW FOR OUTLET # 27200053-1



## ANALYTICAL DATA REPORT

for  
**Andarn Electro-Service**  
**72 Michigan Ave**  
**Paterson, NJ 07503**

**Project Name: PVSC MONITORING**  
**Lab Case Number: E09-00089**

MDL = METHOD DETECTION LIMIT

&lt; = LESS THAN THE MDL

## General Analytical

Lab ID: 00089-001  
 Client ID: 01  
 Percent Moisture: 100

Date Sampled: 1/5/2009  
 Time Sampled: 08:00

Parameter	Result	MDL	Matrix-Units	Date Analyzed
Cyanide, Amenable	< 0.020	0.020	Aqueous-mg/L	1/9/2009 11:23

## Metals

Lab ID: 00089-002  
 Client ID: 02  
 Matrix-Units: Aqueous-mg/L  
 Percent Moisture: 100

Date Sampled: 1/5/2009  
 Time Sampled: 16:00  
 Date Analyzed: 1/8/09

Parameter	Result	Q	MDL
Cadmium	< 0.001		0.001
Copper	0.030	✓	0.008
Lead	0.00294		0.002
Nickel	< 0.004		0.004
Zinc	0.023		0.008

## General Analytical

Lab ID: 00089-002  
 Client ID: 02  
 Percent Moisture: 100

Date Sampled: 1/5/2009  
 Time Sampled: 16:00

Parameter	Result	MDL	Matrix-Units	Date Analyzed
Biochemical Oxygen Demand	13.0	2.00	Aqueous-mg/L	1/7/2009 8:00
Total Suspended Solids	61.2	10.0	Aqueous-mg/L	1/7/2009 12:00

These data have been reviewed and accepted by:

*Michael H. Leftin*  
 Michael H. Leftin, Ph.D.  
 Laboratory Director

273 Franklin Road  
 Randolph, NJ 07869  
 Phone: 973 361 4252  
 Fax: 973 989 5288



IAL is a NELAC New Jersey Certified Lab (14751) and maintains certification in Connecticut (PH-0699), New York (11402), Rhode Island (00126), Pennsylvania (68-00773) and in the Department of Navy IR QA Program.

## CUSTOMER INFO

Company: ANDARN ELECTRO SERVICE

Address: 72 MICHIGAN AVE.

PATERSON, NJ 07503

Telephone #:

Fax #:

**Project Manager:**

**Sampler:** ANDARN PERSONNEL

Project Name: PVSC MONITORING

Project Location (State):

**Bottle Order #:**

Quote #:

## SAMPLE INFORMATION

[illegible]

### Sample Matrix

DW - Drinking Water    AQ - Aqueous    WW - Waste Water  
OI - Oil    LUQ - Liquid (Specify)    OT - Other (Specify)  
S - Soil    SL - Sludge    SOL - Solid    W - Wipe

Turnaround Time (starts the following day if samples rec'd at lab > 5PM)

Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. RUSH SURCHARGES WILL APPLY IF RUSH TAT IS REQUESTED. RUSH TAT IS NOT AVAILABLE TO ACCOMMODATE\*\*

## Conditional TPHC

34 L-4 48 hr 77 hr

40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 1043 1044 1045 1046 1047 1048 1049 1050 1051 1052 1053 1054 1055 1056 1057 1058 1059 1060 1061 1062

Verbal/Fax (2)

24 hr<sup>x</sup> 48 hr<sup>x</sup> 72 hr<sup>x</sup>

3 ml./Std.

HARD COPY

2 wk\* call for price

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# ANALYTICAL PARAMETERS

[illegible]

Cooler Temp 4 °C

# BOTTLES &  
PRESERVATIVES

[illegible]

	Known Hazard:	Yes or No	Describe:
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MDL Req: GWQS - SCC - OTHER (SEE COMMENTS)

IN RISK HAZARD: YES OF NO DESCRIBE: *Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any*

*ambiguities have been resolved.*

Comments:

Lab Case #

PAGE:



## PROJECT INFORMATION

Case No. **E09-00089**Project **PVSC MONITORING**

<b>Customer</b> Andarn Electro-Service	<b>P.O. #</b>
<b>Contact</b> John Sabo	<b>Received</b> 1/6/2009 14:40
<b>E-Mail</b> ENVIRO43@aol.com <input type="checkbox"/> EMail EDDs	<b>Verbal Due</b> 1/20/2009
<b>Phone</b>	<b>Report Due</b> 1/27/2009
<b>Fax</b> (973) 633-7643	
<b>Report To</b>	<b>Bill To</b>
72 Michigan Ave	Enviro-Comp
Paterson, NJ 07503	P.O. Box 3457
	Wayne, NJ 07474-3457
<b>Attn:</b> John Sabo	<b>Attn:</b> John Sabo
<b>Report Format</b> <b>Result Only</b>	
<b>Additional Info</b> <input type="checkbox"/> State Form <input type="checkbox"/> Field Sampling <input type="checkbox"/> Conditional VOA	

Lab ID	Client Sample ID	Depth Top / Bottom	Sampling Time	Matrix	Unit	# of Containers
00089-001	01	n/a	1/5/2009@08:00	Aqueous	ug/L	1
00089-002	02	n/a	1/5/2009@16:00	Aqueous	ug/L	2

Sample #	Tests	Status	QA Method
001	Cyanide, Amenable	Run	4500CN C
002	Cadmium - Cd	In Process	200.8
"	Copper - Cu	In Process	200.8
"	Lead - Pb	In Process	200.8
"	Nickel - Ni	In Process	200.8
"	Zinc - Zn	In Process	200.8
"	BOD	Run	5210B
"	TSS (Suspended)	Run	2540D



## INTEGRATED ANALYTICAL LABORATORIES, LLC

## SAMPLE RECEIPT VERIFICATION

CASE NO: E 09

00089

CLIENT:

Andom

COOLER TEMPERATURE: 2° - 6°C: ☒

( See Chain of Custody)

Comments

COC: COMPLETE / INCOMPLETE

KEY

☒ = YES/NA  
☒ = NO

- ☒ Bottles Intact
- ☒ no-Missing Bottles
- ☒ no-Extra Bottles

- ☒ Sufficient Sample Volume
- ☒ no-headspace/bubbles in VOs
- ☒ Labels intact/correct
- ☒ pH Check (exclude VOs)<sup>1</sup>
- ☒ Correct bottles/preservative
- ☒ Sufficient Holding/Prep Time<sup>1</sup>

☐ Sample to be Subcontracted

<sup>1</sup> All samples with "Analyze Immediately" holding times will be analyzed by this laboratory past the holding time. This includes but is not limited to the following tests: pH, Temperature, Free Residual Chlorine, Total Residual Chlorine, Dissolved Oxygen, Sulfite.

ADDITIONAL COMMENTS:

SAMPLE(S) VERIFIED BY:

INITIAL

DATE

1/6/09

CORRECTIVE ACTION REQUIRED:

YES

☐

(SEE BELOW)

NO

☐

CLIENT NOTIFIED:

YES

☐

Date/ Time:

NO

☐

PROJECT CONTACT:

SUBCONTRACTED LAB:

DATE SHIPPED:

ADDITIONAL COMMENTS:

VERIFIED/TAKEN BY:

INITIAL

DATE

1/7/09

**Laboratory Custody Chronicle****IAL Case No.****E09-00089****Client** Andarn Electro-Service**Project** PVSC MONITORING**Received On** 1/ 6/2009@14:40**Department: Metals**

			<u>Prep. Date</u>	<u>Analyst</u>	<u>Analysis Date</u>	<u>Analyst</u>
Cadmium - Cd	00089-002	Aqueous	1/ 7/09	Lisa	1/ 8/09	Helge
Copper - Cu	-002	Aqueous	1/ 7/09	Lisa	1/ 8/09	Helge
Lead - Pb	-002	Aqueous	1/ 7/09	Lisa	1/ 8/09	Helge
Nickel - Ni	-002	Aqueous	1/ 7/09	Lisa	1/ 8/09	Helge
Zinc - Zn	-002	Aqueous	1/ 7/09	Lisa	1/ 8/09	Helge

**Department: Wet Chemistry**

			<u>Prep. Date</u>	<u>Analyst</u>	<u>Analysis Date</u>	<u>Analyst</u>
BOD	-002	Aqueous	n/a	n/a	1/ 7/09@08:00	Kris
Cyanide, Amenable	-001	Aqueous	n/a	n/a	1/ 9/09	jessica
TSS (Suspended)	-002	Aqueous	n/a	n/a	1/ 7/09	Kam

**Review and Approval:**
